

AMENDMENTS TO THE SPECIFICATION

IN THE ABSTRACT OF THE DISCLOSURE:

Replace the Abstract of the Disclosure currently of record with the attached new Abstract of the Disclosure.

An image interpolation system for interpolating the gaps between the lines forming an image, includes: ~~virtual interpolation data generating means 100 and 120 for generating~~ virtual interpolation data of inter-lines between the lines of the an input image, based on the input image line data; and ~~interpolating means 130 and 140 for interpolating the pixels~~ between the input image lines, based on the generated virtual interpolation data.

IN THE TITLE OF THE INVENTION:

Please change the title to read as follows:

--IMAGE INTERPOLATION SYSTEM AND IMAGE INTERPOLATION METHOD--.

IN THE SPECIFICATION:

Please replace the paragraph beginning on page 10, line 8, and continuing to page 11, line 3 with the following amended paragraph:

Further, the eleventh aspect of the present invention resides in the image interpolation system having the above first feature and characterized in that the virtual interpolation data generating means comprises: an inter-pixel operating means for calculating the difference in pixel data between the pixels on the neighboring input image lines; and a normalizing means for classifying the pixels into multiple classes according to the calculated value of the difference in pixel data; and a pattern extracting means for extracting rows of pixels normalized and classified in an identical class as patterns.

Please replace the paragraph beginning on page 11, line 4, with the following amended paragraph:

Next, the twelfth aspect of the present invention resides in the image interpolation system having the above second feature and characterized in that the virtual interpolation data generating means comprises: an inter-pixel operating means for calculating the difference in pixel data between the pixels on the neighboring input

image lines; and a normalizing means for classifying the pixels into multiple classes according to the calculated value of the difference in pixel data; and a pattern extracting means for extracting rows of pixels normalized and classified in an identical class of patterns.

Please replace the paragraph beginning on page 11, line 15, with the following amended paragraph:

Also, the thirteenth aspect of the present invention resides in the image interpolation system having the above third feature and characterized in that the virtual interpolation data generating means comprises: an inter-pixel operating means for calculating the difference in pixel data between the pixels on the neighboring input image lines; and a normalizing means for classifying the pixels into multiple classes according to the calculated value of the difference in pixel data; and a pattern extracting means for extracting rows of pixels normalized and classified in an identical class of patterns.

Please replace the paragraph beginning on page 12, line 1, with the following amended paragraph:

Next, the fourteenth aspect of the present invention resides in the image interpolation system having the above fourth feature and characterized in that the virtual interpolation data generating means comprises: an inter-pixel operating means for

calculating the difference in pixel data between the pixels on the neighboring input image lines; and a normalizing means for classifying the pixels into multiple classes according to the calculated value of the difference in pixel data; and a pattern extracting means for extracting rows of pixels normalized and classified in an identical class as patterns.

Please replace the paragraph beginning on page 12, line 12, with the following amended paragraph:

Further, the fifteenth aspect of the present invention resides in the image interpolation system having the above fifth feature and characterized in that the virtual interpolation data generating means comprises: an inter-pixel operating means for calculating the difference in pixel data between the pixels on the neighboring input image lines; and a normalizing means for classifying the pixels into multiple classes according to the calculated value of the difference in pixel data; and a pattern extracting means for extracting rows of pixels normalized and classified in an identical class as patterns.

Please replace the paragraph beginning on page 12, line 23, and continuing to page 13, line 9, with the following amended paragraph:

Next, the sixteenth aspect of the present invention resides in the image interpolation system having the above sixth through tenth features and characterized in that according to claims 6 through 10, wherein the virtual interpolation data generating

means comprises: an inter-pixel operating means for calculating the difference in pixel data between the pixels on the neighboring input image lines; and a normalizing means for classifying the pixels into multiple classes according to the calculated value of the difference in pixel data; and a pattern extracting means for extracting rows of pixels normalized and classified in an identical class as patterns.